

FIG. 1

ABC

123

Patient = Smith, John F.

Run #: 4-97866743

2/12/00 - 8:20:42 PM

Main

Crew

Call

Patient

Billing

PMH

Pt. Meds

Problems

Exam

Vitals

Treatment

Disposition

Review

Notes

Protocols

Help

Problem list

Abdominal Flank Pain

Abuse / Neglect

Airway Obstruction

Allergic Reaction

Altered Mental/Neurological

Amputation

Assault

Back Pain

Behavioral Problem

Primary

+

241

Primary

x

242

Primary

-

243

Primary →

Abdominal Flank Pain

Problem(s)

Abdominal Flank Pain

Problem began/occurred

20

Minutes

Hours

Days

Weeks

Months

Years

Unknown

ago

Intent

Accidental

Self harm

Recreational

Harm by other(s)

Unknown

N/A

History reported by

☐ Bystander
 ☒ Patient
 ☐ Family
 ☐ Healthcare provider

Injury related

No

Yes

Activity at onset

Eating

FIG. 2

Patient = Smith, John F.		Run #: 4-97866743		2/12/00 - 6:56:37 PM	
ABC [123]	Main	Crew	Call	Patient	Billing
Exam	Vitals	Treatment	Disposition	Review	Notes
		Problems	Pt. Meds	Protocols	Help

History of Present Problem

Pain

☐ Primary pain ▼

☐ Radiated pain

General

☐ Bleeding

☐ Congested/ plugged

☐ Discharge/ drainage ▼

☐ Foreign body/ substance ▼

☐ Infection

☐ Mass/ lump/ bump

☐ Stiffness

☐ Swelling

Neurological

☐ Numbness/ tingling

☐ Paralysis

☐ Shaking/ seizing

☒ Weakness

Wound

☐ Abrasion/ scratch

☐ Amputation

☐ Bite/ sting

☐ Burn

☐ Crush

☐ Cut/ laceration

☐ Frostbite

☐ Puncture

Musculoskeletal

☐ Deformity

☐ Dislocated

☐ Fractured/ broken

Complaint location(s)

Body

Skin

☐ Blisters

☐ Bruising

☐ Cool/ cold

☐ Discoloration

☐ Dryness

☐ Hives

☐ Itching

☐ Rash

☐ Redness

☐ Sore/ lesion

☐ Warmth

Fig. 3

ABC

123

2/12/00 - 6:59:11 PM

Main

Crew

Call

Patient

Billing

PMH

Pt. Meds

Problems

Exam

Vitals

Treatment

Disposition

Review

Notes

Protocols

Help

Chest

R

L

ENTIRE

BOTH

205

206

222

211

222

224

History of Present Problem

Pain

☒ Primary pain

Crushing

Radiated pain

General

Bleeding

Congested/ plugged

Discharge/ drainage

Foreign body/ substance

Infection

Mass/ lump/ bump

Stiffness

Swelling

Neurological

Numbness/ tingling

Paralysis

Shaking/ seizing

Weakness

Wound

Abrasion/ scratch

Amputation

Bite/ sting

Burn

Crush

Cut/ laceration

Frostbite

Puncture

Deformity

Dislocated

Fractured/ broken

Skin

Blisters

Bruising

Cool/ cold

Discoloration

Dryness

Hives

Itching

Rash

Redness

Sore/ lesion

Warmth

Musculoskeletal

Deformity

Dislocated

Fractured/ broken

Complaint location(s)

Body

Chest

241

242

243

240

FIG. 4

200c

ABC	123	Patient = Smith, John F.				Run #: 4-97866743	2/12/00 - 7:04:06 PM	
Main	Crew	Call	Patient	Billing	PMH	Pt. Meds	Problems	
Exam	Vitals	Treatment	Disposition	Review	Notes	Protocols	Help	

History of Present Problem (Motorized Vehicle Crash)

Patient was Front seat passenger	Air bag(s) deployed? <input type="checkbox"/> Driver's side impact <input type="checkbox"/> None <input checked="" type="checkbox"/> Passenger's dashboard <input checked="" type="checkbox"/> Passenger's side impact <input checked="" type="checkbox"/> Steering wheel <input type="checkbox"/> Unknown	Extraction <input type="radio"/> None / minimal <input type="radio"/> 30 minutes or less <input checked="" type="radio"/> > 30 minutes
In/on Sport utility vehicle	Helmet worn <input type="radio"/> No <input type="radio"/> Yes <input type="radio"/> Unknown	
Restraints used <input type="radio"/> None <input checked="" type="radio"/> Yes Lap & shoulder belt	Ejected / thrown from vehicle <input type="radio"/> Completely <input type="radio"/> Partially <input checked="" type="radio"/> No <input type="radio"/> Unknown	Rollover <input checked="" type="radio"/> No <input type="radio"/> Yes <input type="radio"/> Unknown
Restraint use reported by <input type="checkbox"/> Bystander <input type="checkbox"/> EMS <input checked="" type="checkbox"/> Patient <input type="checkbox"/> Police <input type="checkbox"/> Other	Injury predictors <input checked="" type="checkbox"/> Compartment intrusion > 12 in. <input type="checkbox"/> Dashboard damaged <input type="checkbox"/> Death of same car occupant <input type="checkbox"/> Rear window damaged <input type="checkbox"/> Steering wheel deformed <input checked="" type="checkbox"/> Side window glass damaged <input type="checkbox"/> Windshield damaged	Patient's vehicle found <input type="radio"/> Inverted <input type="radio"/> On left side <input type="radio"/> On right side <input checked="" type="radio"/> Upright

FIG. 6

200d

ABC	123	Patient = Smith, John F.				Run #: 4-97866743	2/12/00 - 7:04:06 PM	
Main	Crew	Call	Patient	Billing	PMH	Pt. Meds	Problems	
Exam	Vitals	Treatment	Disposition	Review	Notes	Protocols	Help	

History of Present Problem (Motorized Vehicle Crash (continued))

Patient's Vehicle	Major Impact	Other Impact
Major impact to pt's vehicle Passenger's side middle	Major impact with Passenger car	Other impact with Snow bank
Patient's vehicle was <input checked="" type="radio"/> Stopped <input type="radio"/> Traveling backward <input type="radio"/> Traveling forward <input type="radio"/> Unknown	Opposing object / vehicle was <input type="radio"/> Stopped / stationary <input type="radio"/> Traveling backward <input checked="" type="radio"/> Traveling forward <input type="radio"/> Unknown	
Speed of patient's vehicle <input checked="" type="radio"/> Low (< 20 MPH) <input type="radio"/> Moderate (20-50 MPH) <input type="radio"/> High (> 50 MPH) <input type="radio"/> Unknown	Speed of patient's vehicle <input type="radio"/> Low (< 20 MPH) <input checked="" type="radio"/> Moderate (20-50 MPH) <input type="radio"/> High (> 50 MPH) <input type="radio"/> Unknown	
Patient's vehicle damage <input type="radio"/> Minor <input checked="" type="radio"/> Moderate <input type="radio"/> Severe <input type="radio"/> Unknown	Damage to opposing vehicle Front end	

FIG. 7

FIG. 8 is a schematic diagram of a user interface for a medical emergency response system. The interface is divided into several sections. At the top, there is a header bar containing a date and time display (2/11/00 - 11:15:41 AM) and a series of buttons (Main, Exam, Crew, Vitals, Call, Patient, Billing, Review, Notes, PMH, Meds, Complaint, Help). Below the header, the interface is organized into three main columns. The left column (300) contains a vertical list of buttons (Main, Exam, Crew, Vitals, Call, Patient, Billing, Review, Notes, PMH, Meds, Complaint, Help). The middle column (310) contains a series of input fields and dropdown menus for patient information (Call Date, Agency, Vehicle ID, Call Location, Location Type, Location Code, Dispatch Info, Call Type, Response to scene, Barrier to pt. contact). The right column (330) contains a series of input fields and dropdown menus for call details (Call Times, Mileage, Patient Transfer, Transferring Vehicle ID, Previous PCR). The interface is designed to be used by a medical professional to manage emergency response calls.

2/11/00 - 11:15:41 AM																	
ABC	123	Main	Crew	Call	Patient	Billing	PMH	Meds	Complaint	Exam	Vitals	Treatment	Disposition	Review	Notes	Protocols	Help

Call Date: 2/11/2000

Agency: Acme Ambulance Service

Vehicle ID: 567

Call Location: 1357 Lake Shore Blvd.

Location Type: Home / residence

Location Code: Boston - (1421)

Dispatch Info: Unresponsive male - diabetic related

Call Type: Scene call - emergency

Response to scene: Lights and sirens

Barrier to pt. contact: None

Run #: 4-97856743

Vehicle type: Ambulance

Vehicle type: Helicopter

Vehicle type: Airplane

Vehicle type: Boat

Vehicle type: Other

Call Times

Call Rec'd	10:20	
Enroute	10:21	
At Scene	10:25	
Pt. Contact	10:26	
From Scene	10:53	
At Destin	11:03	
From Destin		
In Service		
In Quarters		

Mileage

Begin	1034.5
End	1040.2
Total	5.7

Patient Transfer

Transferring Vehicle ID:

Previous PCR: ☐ None ☐ Unknown ☐ Number:

FIG. 8

	312	316	314	
Call Times				
Call Rec'd	10:20	▲ ▼	🕒	310
Enroute	10:21	▲ ▼	🕒	
At Scene	10:25	▲ ▼	🕒	
Pt. Contact	10:26	▲ ▼	🕒	312a 314a 316a
From Scene	10:53	▲ ▼	🕒	
At Destin	11:03	▲ ▼	🕒	
From Destin		▲ ▼	🕒	
In Service		▲ ▼	🕒	
In Quarters		▲ ▼	🕒	

FIG. 8a

ABC

123

Patient = Smith, John F.

Run #: 4-97866743

2/11/00 - 11:09:01 AM

Airway

Oxygenation

CPR / Defibrillation

IV / Fluids

Medications

Immobilization

Injury Care

Exit Treatment

Airway Management

Airway adjuncts

Airway opened

☒ Head tilt

☐ Jaw thrust

☐ Chin lift

11:04

Airway cleared

☐ Abdominal thrusts

☐ Chest thrusts

☐ Back blows

☒ Suction

☐ Magill forceps

11:06

Needle chest decompression

☐ Right thorax

☐ No air rush

☐ Air rush

☐ Left thorax

☐ No air rush

☐ Air rush

11:06

Gastric decompression

☐ NG tube placed

11:06

Oral airway

Size

105 mm

11:04

Nasal airway

Size

11:04

EOA / EGTA

Size

11:04

Needle jet ventilation

Size

11:06

Intubation

Size

8.5 mm

11:06

attempts

☒ 1

☐ 2

☐ 3

☐ 4

Successful

☐ No

☒ Yes

By EMT

Mike Sullivan

Tube placement confirmed with

☒ EDD

☒ Auscultation

☐ ETCO2

FIG. 9

FIG. 10 is a schematic diagram of a patient care interface 500, such as a computer monitor, displaying a patient care interface 500. The interface 500 displays patient information, including patient name, patient ID, and patient room number. The interface 500 also displays vital signs, including heart rate, blood pressure, and oxygen saturation. The interface 500 further displays a list of medical orders, including medications, lab tests, and procedures. The interface 500 is designed to provide healthcare providers with a comprehensive view of a patient's care.

ABC123

Patient = Smith, John F.

Run #: 4-97866743

2/11/00 - 10:47:30 AM

Main

Crew

Call

Patient

Billing

PMH

Meds

Complaint

Exam

Vitals

Treatment

Disposition

Review

Notes

Protocols

Help

Time	Pulse	Respirations	BP	GCS	Cups
10:47	88 Reg.	18 Easy	122/78	15	Stable
10:35	80 Reg.	16 Easy	118/76	12	Potentially Unstable

Time

10:47

Pulse

Rate 88

Quality Normal

☒ Reg ☐ Irreg

Respirations

Rate 18

Quality Easy

BP

122/78

EKG

Rhythm Normal sinus rhythm

Ecctopy

Pupils

Left Normal

Right Normal

Size Normal

Appearance Round

Reactivity Normal

Glucose

88

SaO2

99

ETCO2

CUPS

☒ Stable ☐ Pot. unstable ☐ Unstable ☐ Critical

Skin

Color Normal

Temperature Warm

Cap. Refill <= 2 Seconds

Condition Normal

GCS

Verbal Oriented

Motor Obeys Commands

Eye Opening Spontaneous

GCS Score 15

516

515

517

518

519

520

FIG. 10

FIG. 11 is a schematic diagram of a computer system 100 for processing medical data. The system 100 includes a processor 110, a memory 120, a database 130, and a user interface 140. The processor 110 is connected to the memory 120 and the database 130. The user interface 140 is connected to the processor 110. The system 100 is configured to receive medical data from a medical device 150 and process the data to generate a report 160. The report 160 is then displayed on the user interface 140. The system 100 is also configured to store the medical data in the database 130 for future use.

ABC

123

Patient = Smith, John F.

Run #: 4-97866743

3/11/00 - 8:19:18 AM

Main

Crew

Call

Patient

Billing

PMH

Pt. Meds

Problems

Exam

Vitals

Treatment

Disposition

Review

Notes

Protocols

Help

Primary Insurance

Secondary Insurance

No Fault

Worker's Comp

Company

Policy #

Group #

Insured's Name

Relationship to Insured

Allstate - (11)

67435-A12

243

John Smith

Self

No Fault

☐ No

☒ Yes

Worker's Comp

☐ No

☐ Yes

Medicare & Medicaid

Medicare #

Medicaid #

Reason For Tx

Pt's Signature

Renal Failure-Uremia-Acute - (584.9)

Respiratory Distress,Acute - (799.1)

Respiratory Infection - (519.8)

Retinal Detachment - (361.9)

Seizure Disorder - (780.3)

Sepsis (Blood Poisoning) - (038.9)

Shock - (785.50)

Shock,Septic - (785.59)

Employer Information

Employer

Address

State

Zip Code

NY

FIG. 11

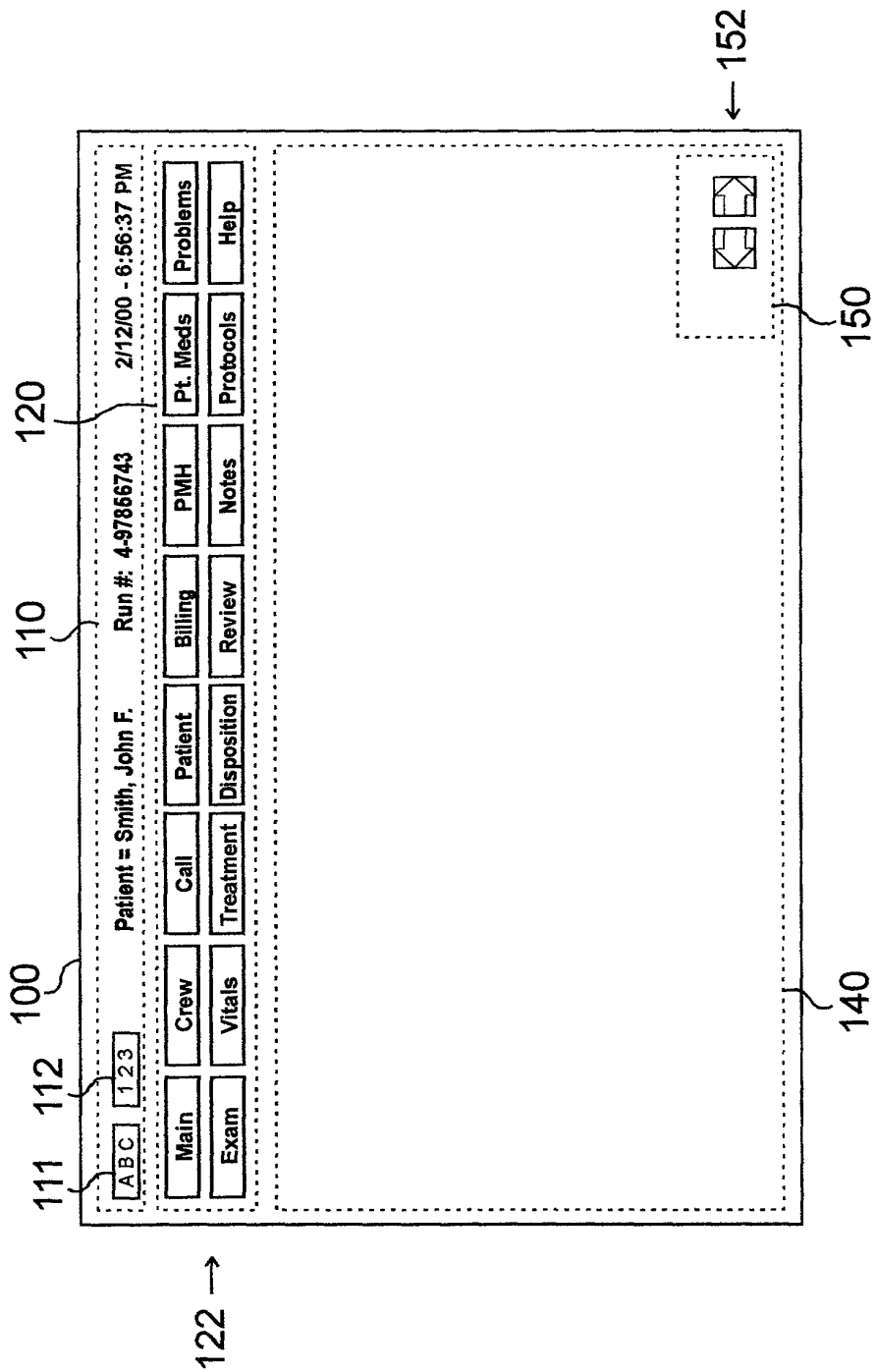


FIG. 12